

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121923\
 Data File : VD077981.D
 Acq On : 19 Dec 2023 18:27
 Operator : RP/MD
 Sample : 05765-03
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-SB-03-9.5-10.5

Quant Time: Dec 20 02:08:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

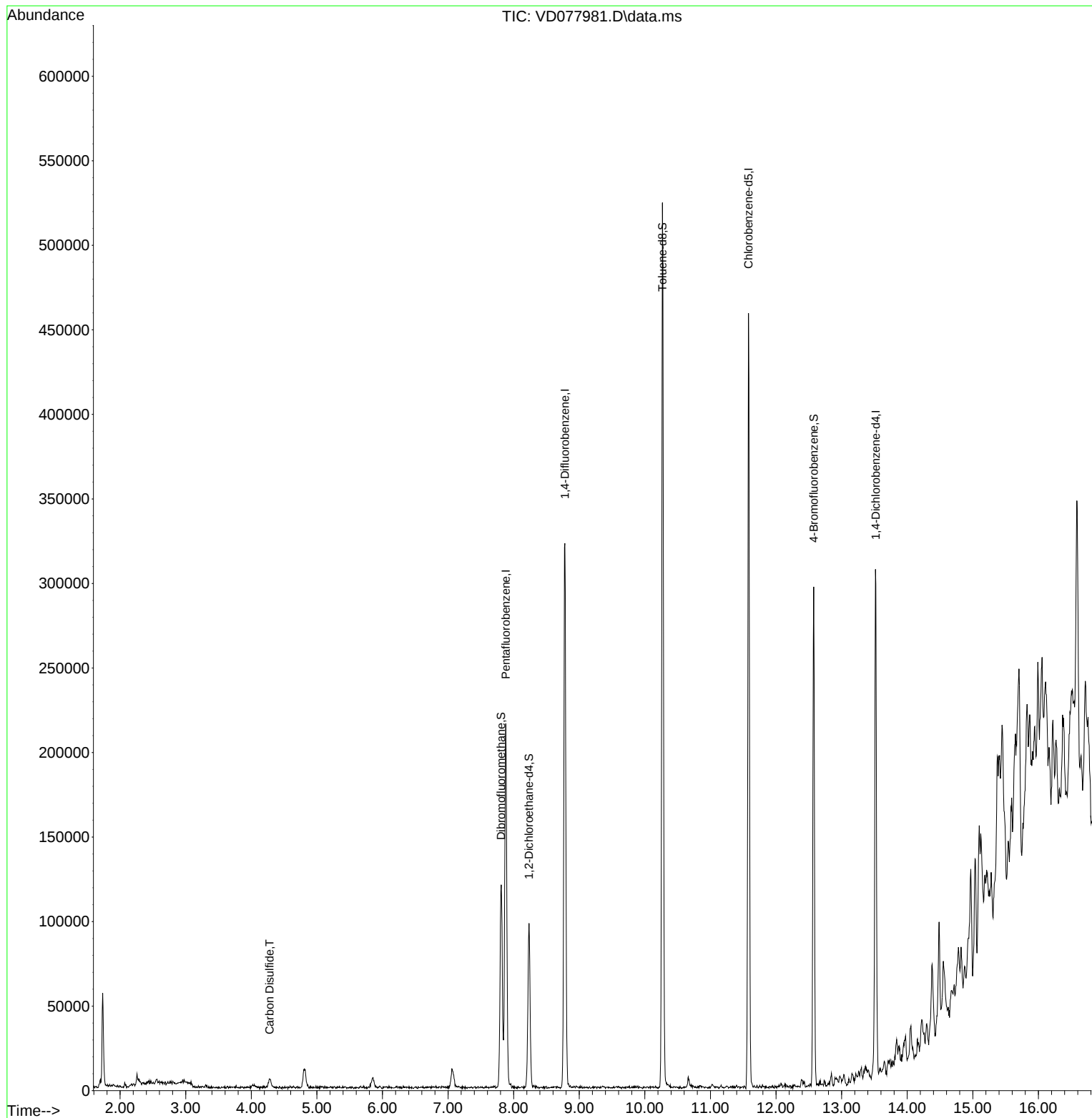
Internal Standards						
1) Pentafluorobenzene	7.881	168	162698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	298858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	257210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	82204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75685	39.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.960%
35) Dibromofluoromethane	7.810	113	87261	41.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.360%
50) Toluene-d8	10.269	98	368191	43.914	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.820%
62) 4-Bromofluorobenzene	12.575	95	87584	34.940	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.880%
Target Compounds						
17) Carbon Disulfide	4.281	76	11522	1.741	ug/l	Qvalue # 95

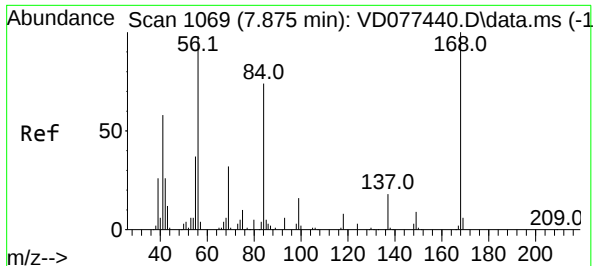
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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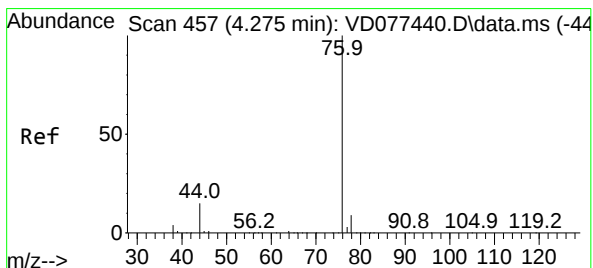
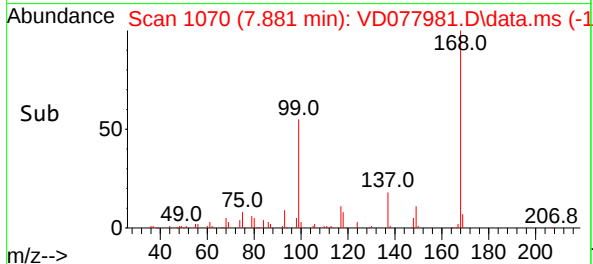
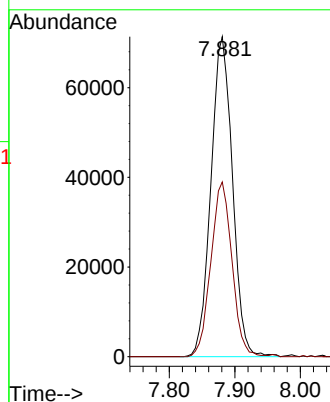
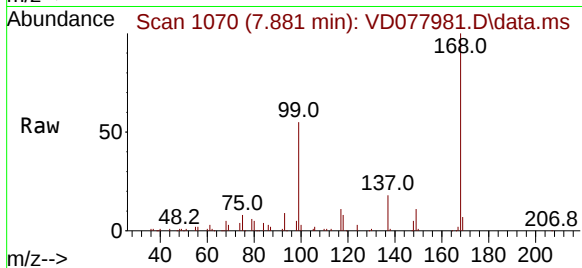




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077981.D
Acq: 19 Dec 2023 18:27

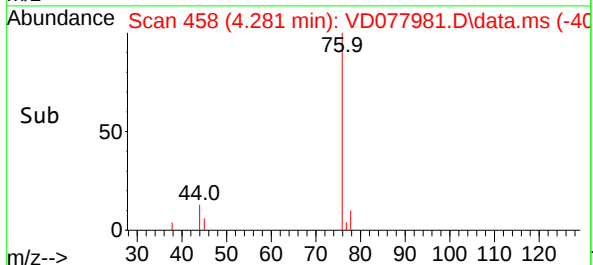
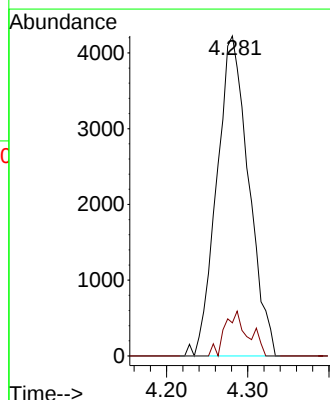
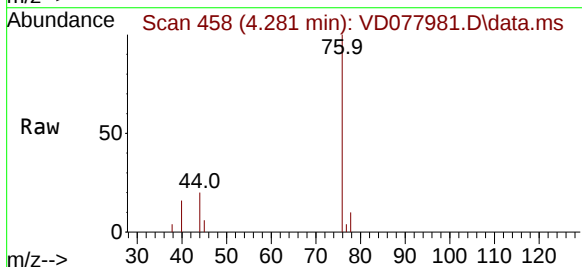
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-03-9.5-10.5

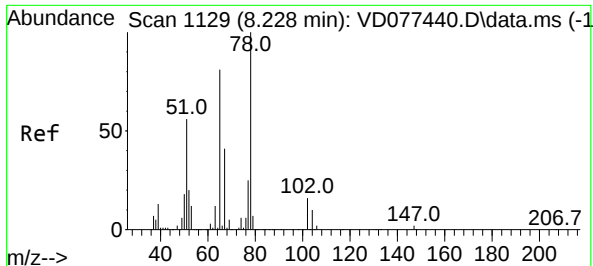
Tgt Ion:168 Resp: 162698
Ion Ratio Lower Upper
168 100
99 54.6 36.7 55.1



#17
Carbon Disulfide
Concen: 1.741 ug/l
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
Lab File: VD077981.D
Acq: 19 Dec 2023 18:27

Tgt Ion: 76 Resp: 11522
Ion Ratio Lower Upper
76 100
78 10.4 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 39.478 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD077981.D

Acq: 19 Dec 2023 18:27

Instrument :

MSVOA_D

ClientSampleId :

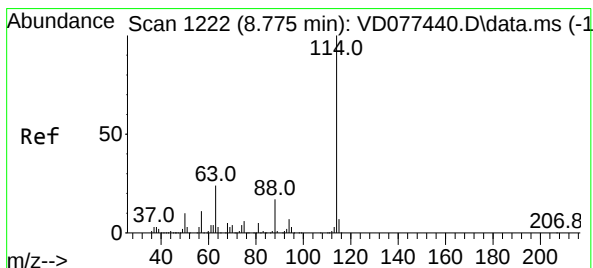
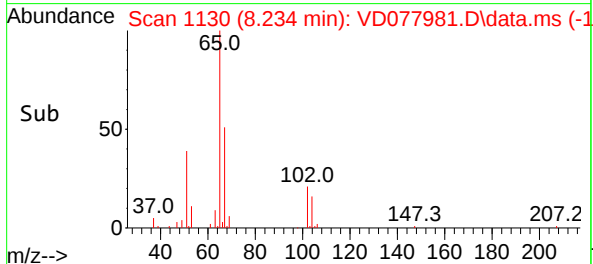
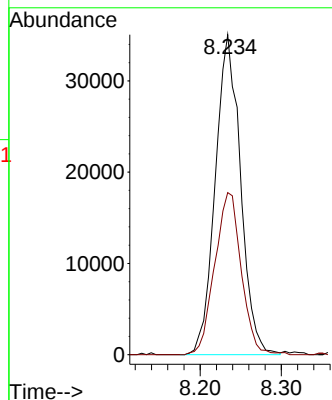
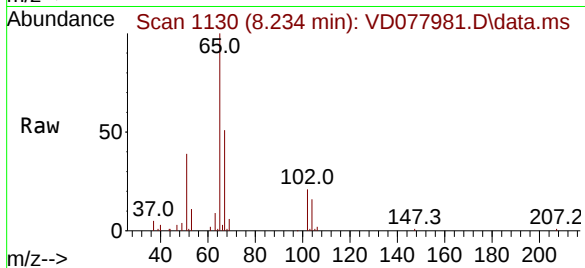
RT-SB-03-9.5-10.5

Tgt Ion: 65 Resp: 75685

Ion Ratio Lower Upper

65 100

67 53.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077981.D

Acq: 19 Dec 2023 18:27

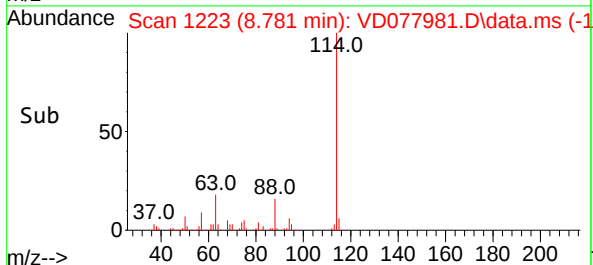
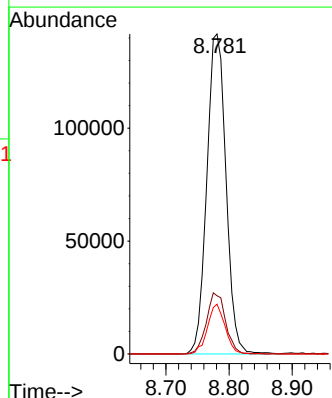
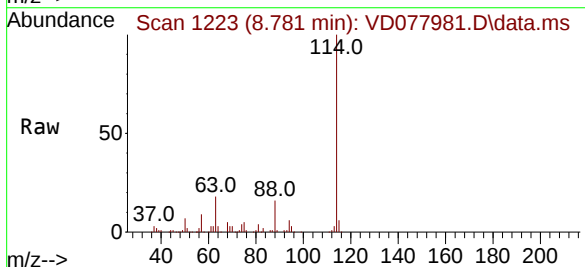
Tgt Ion: 114 Resp: 298858

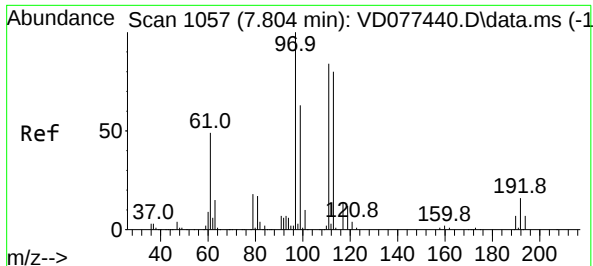
Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 15.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 41.684 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077981.D

Acq: 19 Dec 2023 18:27

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-03-9.5-10.5

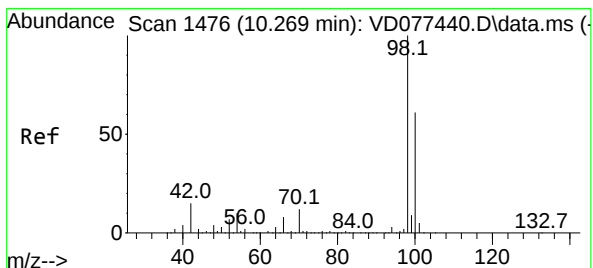
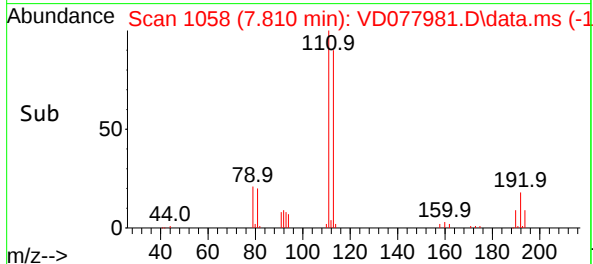
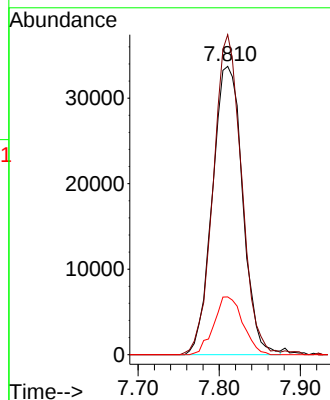
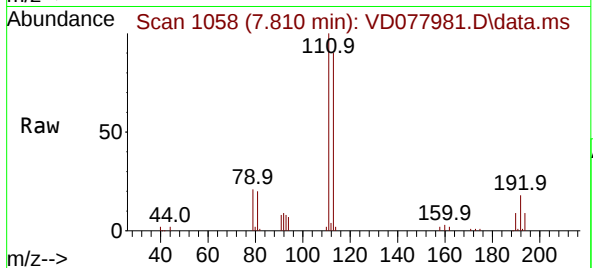
Tgt Ion:113 Resp: 87261

Ion Ratio Lower Upper

113 100

111 103.8 84.7 127.1

192 19.2 16.8 25.2



#50

Toluene-d8

Concen: 43.914 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077981.D

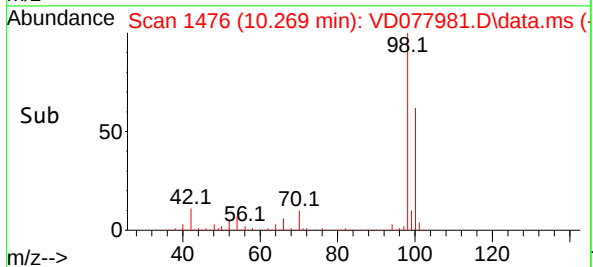
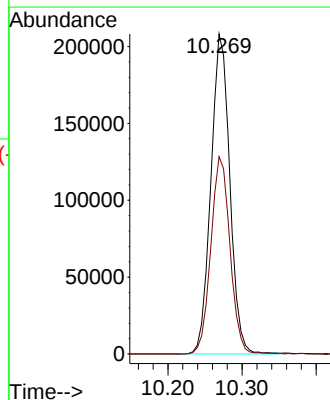
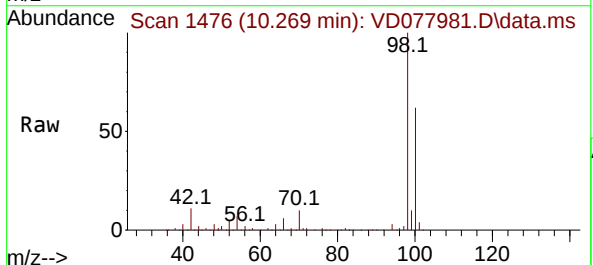
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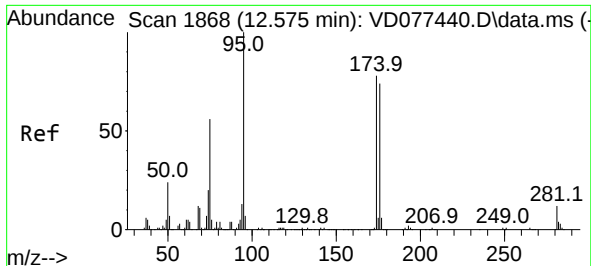
Tgt Ion: 98 Resp: 368191

Ion Ratio Lower Upper

98 100

100 62.5 50.3 75.5

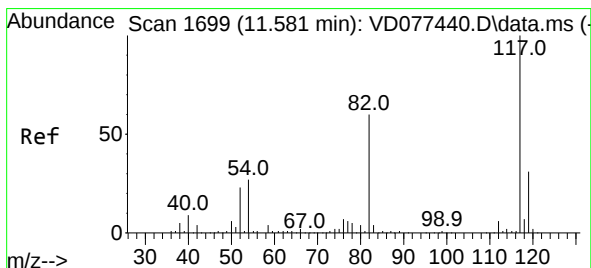
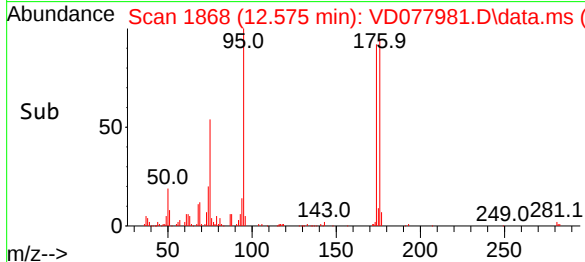
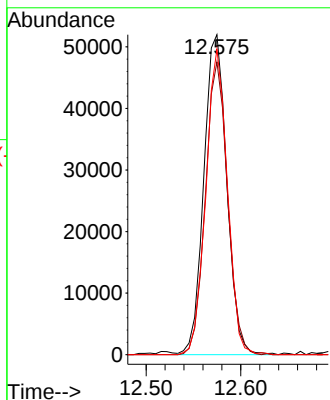
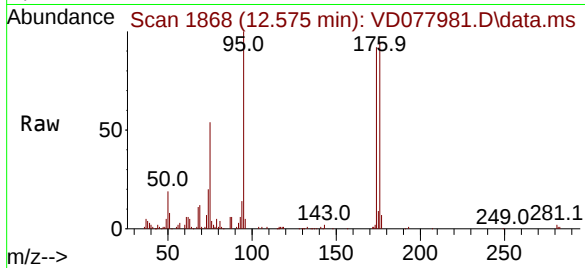




#62
4-Bromofluorobenzene
Concen: 34.940 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077981.D
Acq: 19 Dec 2023 18:27

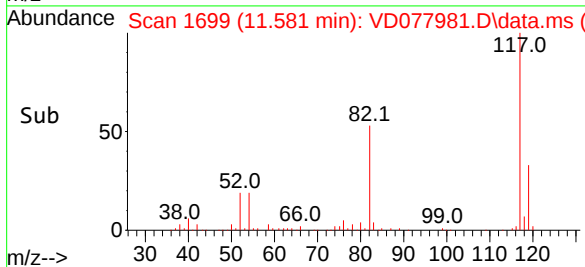
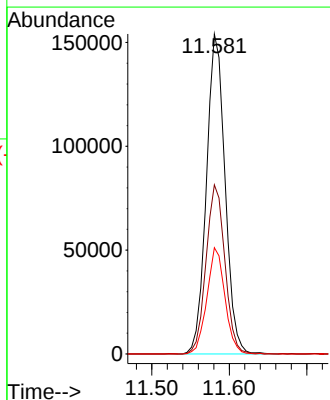
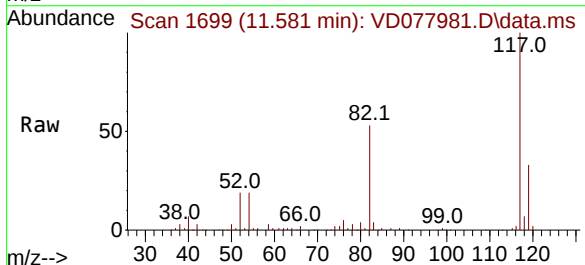
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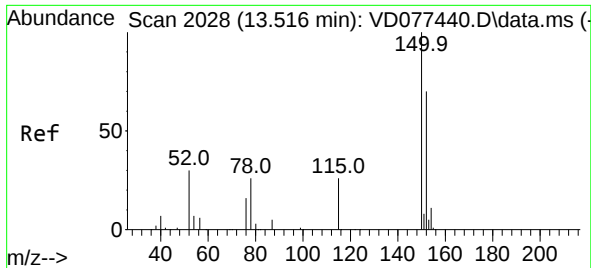
Tgt Ion: 95 Resp: 87584
Ion Ratio Lower Upper
95 100
174 88.0 0.0 201.8
176 89.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077981.D
Acq: 19 Dec 2023 18:27

Tgt Ion: 117 Resp: 257210
Ion Ratio Lower Upper
117 100
82 52.9 38.3 57.5
119 33.2 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD077981.D

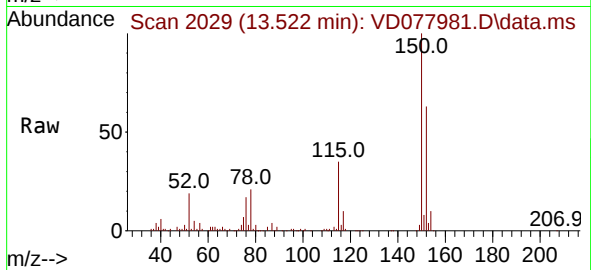
Acq: 19 Dec 2023 18:27

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-03-9.5-10.5



Tgt Ion:152 Resp: 82204

Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.1	81.3
150	157.9	0.0	353.6

